

Natural Resources' Environmental Assistance Office.

- ◆ You can access the MWPP Survey in a portable document format (pdf) at our Web site and print it on paper yourself ([www.dnr.mo.gov/oac/780-1559.pdf](http://www.dnr.mo.gov/oac/780-1559.pdf)).
- ◆ You can download the Microsoft Word template from our Web site and complete the survey electronically ([www.dnr.mo.gov/oac/env\\_assistance/emiapps.htm](http://www.dnr.mo.gov/oac/env_assistance/emiapps.htm), Download the EMI Software).

The MWPP is designed to be a self-evaluation of a wastewater system. EAO staff will, upon request, provide guidance to help with the survey process or evaluation of survey results.

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## Missouri Department of Natural Resources

Outreach and Assistance Center  
Environmental Assistance Office  
P.O. Box 176  
Jefferson City, MO 65102

**Phone:**

1-800-361-4827  
or  
(573) 526-6627

**Fax:**

(573) 526-5808

**Home Page:**

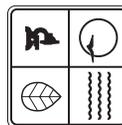
[www.dnr.mo.gov/  
oac/env\\_assistance.htm](http://www.dnr.mo.gov/oac/env_assistance.htm)

**E-mail:**

[oac@dnr.mo.gov](mailto:oac@dnr.mo.gov)



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Missouri Department of Natural Resources  
Environmental Assistance Office  
P.O. Box 176  
Jefferson City, MO 65102-0176



Missouri  
Department of  
Natural Resources

# Wastewater Technical Assistance

Outreach and  
Assistance Center

Environmental  
Assistance Office

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## Wastewater Plant Operations Technical Assistance

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The Wastewater Plant Operations Technical Assistance Unit is part of the Environmental Assistance Office (EAO), a non-regulatory service of the Department of Natural Resources. Our mission is to provide information, assistance and training to small business owners, farmers, local governments and the general public on ways to control or reduce pollution. We also help people go beyond the minimum regulatory requirements to include environmental considerations as a central part of their planning and operations. We do this by providing technical and managerial assistance, financial planning assistance and other kinds of help, training and information.

We provide environmental compliance and operations assistance through on-site, on-the-job training and technical guidance for the operators/owners of wastewater treatment plants. This promotes efficient operations throughout the plant resulting in better operating facilities and reduced compliance issues. Assistance services are free of charge and non-regulatory in nature.

### Characteristics of Technical Assistance

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- ◆ Troubleshooting wastewater treatment plants.
- ◆ Preventive maintenance programs.

- ◆ Safety programs.
- ◆ Operations and maintenance manual review.
- ◆ Laboratory analysis.
- ◆ Lift station analysis and troubleshooting.
- ◆ Pumps and pumping systems analysis.
- ◆ Collection system analysis.
- ◆ Math and hydraulics analysis.
- ◆ Basic electricity.
- ◆ Presentation of data and record keeping.
- ◆ Individual or group training.

Assistance is provided by a water specialist certified as a Class A water and wastewater operator.

## Missouri Municipal Water Pollution Prevention Survey

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### What is the Missouri Municipal Water Pollution Prevention Survey?

The Missouri Municipal Water Pollution Prevention Survey (MWPP) is an annual self-evaluation of your sewer utility. The MWPP is a tool for management and operations personnel to jointly evaluate the wastewater utility system. The survey will help identify system strengths and weaknesses. You can use this information to plan system improvements or upgrades, and con-

sider operational or financial changes. These improvements will help you maintain compliance with your National Pollutant Discharge Elimination System (NPDES) discharge permit.

### The survey is divided into five sections:

- ◆ The Wastewater Utility Systems section identifies the various components of your utility system and addresses operation and maintenance issues.
- ◆ The Loading/Capacity section examines the hydraulic and organic loads on the system, compares the loading to design capacity, and looks at the treatment efficiency of the system.
- ◆ The Sludge and Biosolids-Disposal and Reuse section identifies the sludge management systems and evaluates.
- ◆ The Sewer Use section evaluates the sewer use ordinance and the effects of local commercial and industrial facilities on the wastewater treatment system.
- ◆ The Management and Financial Capacity section examines the ability of the management and financial systems to provide for the long-term viability of the utility.

### The MWPP Survey is available in three forms:

- ◆ You can request a paper form from the Missouri Department of